

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously presented) A process for creating an ensemble filter for selecting documents, comprising:
 - identifying a first set of documents from a training set of documents;
 - identifying a first profile corresponding to said first set of documents;
 - identifying a second set of documents and a third set of documents from said training set of documents;
 - identifying a fourth set of documents from said third set of documents;
 - identifying a second profile corresponding to said fourth set of documents;
 - creating a first filter based upon said first profile;
 - creating a second filter based upon said second profile; and
 - combining said first filter with said second filter to create an ensemble filter; and
 - storing said ensemble filter in a computer readable medium, said ensemble filter being accessible by computer readable program code for filtering documents.

2. (Previously presented) A process, as in claim 1, further comprising:
 - clustering said training set of documents to identify said first set of documents.

3. (Previously presented) A process, as in claim 1, further comprising:

clustering said training set of documents and selecting said largest cluster to identify said first set of documents.

4. (Previously presented) A process, as in claim 1, further comprising:

cascading said first filter with said second filter to create at least part of said ensemble filter.

5. (Previously presented) A process, as in claim 1, further comprising:

multiplexing said first filter with said second filter to create at least part of said ensemble filter.

6. (Previously presented) A process, as in claim 2, further comprising:

cascading said first filter with said second filter to create at least part of said ensemble filter.

7. (Previously presented) A process, as in claim 3, further comprising:

cascading said first filter with said second filter to create at least part of said ensemble filter.

8. (Previously presented) A process, as in claim 2, further comprising:

multiplexing said first filter with said second filter to create at least part of said ensemble filter.

9. (Previously presented) A process, as in claim 3, further comprising:

multiplexing said first filter with said second filter to create at least part of said ensemble filter.

10. (Previously presented) A process for selecting documents from a stream of documents, comprising:

identifying a first set of documents from a training set of documents;

identifying a first profile corresponding to said first set of documents;

identifying a second set of documents and a third set of documents from said training set of documents;

identifying a fourth set of documents from said third set of documents;

identifying a second profile corresponding to said fourth set of documents;

creating a first filter based upon said first profile;

creating a second filter based upon said second profile; and

combining said first filter with said second filter to create an ensemble filter; and

passing said stream of documents through said ensemble filter.

11. (Previously presented) A process, as in claim 10, further comprising:

clustering said training set of documents to identify said first set of documents.

12. (Previously presented) A process, as in claim 10, further comprising:

clustering said training set of documents and selecting said largest cluster to identify said first set of documents.

13. (Previously presented) A process, as in claim 10, further comprising:

cascading said first filter with said second filter to create at least part of said ensemble filter.

14. (Previously presented) A process, as in claim 10, further comprising:
multiplexing said first filter with said second filter to create at least part of said ensemble filter.

15. (Previously presented) A process, as in claim 11, further comprising:
cascading said first filter with said second filter to create at least part of said ensemble filter.

16. (Previously presented) A process, as in claim 12, further comprising:
cascading said first filter with said second filter to create at least part of said ensemble filter.

17. (Previously presented) A process, as in claim 11, further comprising:
multiplexing said first filter with said second filter to create at least part of said ensemble filter.

18. (Previously presented) A process, as in claim 12, further comprising:
multiplexing said first filter with said second filter to create at least part of said ensemble filter.

19. (Previously presented) A process for selecting documents from a database of documents, comprising:

identifying a first set of documents from a training set of documents;
identifying a first profile corresponding to said first set of documents;
identifying a second set of documents and a third set of documents from said training set of documents;

identifying a fourth set of documents from said third set of documents;

identifying a second profile corresponding to said fourth set of documents;

creating a first filter based upon said first profile;

creating a second filter based upon said second profile; and

combining said first filter with said second filter to create an ensemble filter; and

applying said ensemble filter to said database to select documents.

20. (Previously presented) A process, as in claim 19, further comprising:

clustering said training set of documents to identify said first set of documents.

21. (Previously presented) A process, as in claim 19, further comprising:

clustering said training set of documents and selecting said largest cluster to identify said first set of documents.

22. (Previously presented) A process, as in claim 19, further comprising:

cascading said first filter with said second filter to create at least part of said ensemble filter.

23. (Previously presented) A process, as in claim 19, further comprising:

multiplexing said first filter with said second filter to create at least part of said ensemble filter.

24. (Previously presented) A process, as in claim 20, further comprising:
cascading said first filter with said second filter to create at least part of said ensemble filter.

25. (Previously presented) A process, as in claim 21, further comprising:
cascading said first filter with said second filter to create at least part of said ensemble filter.

26. (Previously presented) A process, as in claim 20, further comprising:
multiplexing said first filter with said second filter to create at least part of said ensemble filter.

27. (Previously presented) A process, as in claim 21, further comprising:
multiplexing said first filter with said second filter to create at least part of said ensemble filter.

28. (Previously presented) An apparatus for generating an ensemble filter,
comprising:
a processing system; and
a memory coupled to the processing system, wherein the processor is configured to:
identify a first set of documents from a training set of documents;
identify a first profile corresponding to said first set of documents;

identify a second set of documents and a third set of documents from said training set of documents;

identify a fourth set of documents from said third set of documents;

identify a second profile corresponding to said fourth set of documents;

create a first filter based upon said first profile;

create a second filter based upon said second profile; and

combine said first filter with said second filter to create an ensemble filter;

store said ensemble filter in a computer readable medium, said ensemble filter being accessible by computer readable program code for filtering documents.

29. (Previously presented) An article of manufacture comprising a computer readable medium having executable program code embodied therein for generating an ensemble filter, wherein the executable program code is adapted to cause the processing system to:

identify a first set of documents from a training set of documents;

identify a first profile corresponding to said first set of documents;

identify a second set of documents and a third set of documents from said training set of documents;

identify a fourth set of documents from said third set of documents;

identify a second profile corresponding to said fourth set of documents;

create a first filter based upon said first profile;

create a second filter based upon said second profile; and

combine said first filter with said second filter to create an ensemble filter;

store said ensemble filter in a computer readable medium, said ensemble filter being accessible by computer readable program code for filtering documents.